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ATGGCCGTATGGCCGCCCGAACCTCCTCCTGCTACTCTCGGGGGCCCTGGCCCTGACCCAGACCTGGCCGGTGAGTGGGGGTGGGAGGAAACCCGCTCTGGGGGAGG
 CAAGGGGCCCTCCTGGCGGGGGCGCAGGACGGGGGAGCCGCGCGGGAGGAGGGTCTGGGCAGGTCTCAGCCACTGCTCGCCCCCAGGCTCCACATCCATGAGGATTTCTCTCAC
 ATCCGTGTCCCGCCCGGCCCGCGGGGAGCCCCGCTTCATCGCCGTGGGCTACGTGGACGACACGCGAGTTCGTGGGTTCGACAGCGACGCCCGGAGCCAGAGATGGAGCCCGGGG
 CGCCGTGGATAGACAGGAGAGGGGAGGAGTATTGGGACCAAGGAGACATGTAAGGACCACTCACACACTGACCGAGCGAACCTGGGGACCCCTGGCGGGCTACTACAACCA
 GAGCGAGGACGGTGAGTGACCCCGCGCGCGCGGCGCAGGTACAGACCCCTCATCCCCACGACGGGCCAGGTCCGCCACAGTCTCCGGTCCGAGATCCACCCCGAAGCCCGGGG
 CTCCGAGACCTTGTCCTCCGGGAGAGGCCAGGCGCCTTTACCCGGTTTCANTTTCAGTTTAGGCCAAAAATCCCCCGGTTTGTGGGGCGGGGGGCTCGGGGACTGGGCT
 GACCCGGGGTCCGGGGCCAGGTTCTCACACCATCCAGATAATGTAATGGCTGCGACGTGGGGCCGACCGGGCGCTTCCTCCGGGTACCGGACGCCCTACGACGGCAAGGAT
 TACATCGCCCTGAAAGAGACCTGCGCTCTTGGACCGCGCGGGGACATGGCAGCTCAGATCACCAAGCGCAAGTGGGAGGCGGTCCTATGCGCGGAGAGGAGAGTCTACCTGG
 AGGGCGGGTGGAGGGCTCCCGCAGATACCTGGAGAACGGGAAGGAGACGCTGCAGCGCACGGGTACAGGGGGCCACGGGGCGCTCCCTGATCGCCTATAGATCTCCCGGGC
 TGGCCTCCCACTAGGAGGGGAGACAAATGGGAGCAACACTAGAAATATCACCTCCCTCTG

FIGURE 1

[illegible]

FIGURE 2

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CTAGAGAAGCCAATCAGCGTCGCCCGGGTCCGAGTCTCTCTCAGACGCCGAGATGCTGGTCAATGGCGCCCCGAAACCGTCCTC
 CTGCTGCTCTCGGCGGCCCTTGCGCCCTGACCGAGACCTGGGCGCGGTGAGTGCGGGTCGGGAGGGAATGGCCCTCTGCCGGGAGGAGCGAGGGGACCGAGGGGGGGCGCAGGACCT
 GAGGAGCCGCGCGGAGGAGGGTTCGGGCGGGTCTCAGCCCCCTCTCAGCCCCCTCCACTCCATGAGGTA^{97*}TTC^{97*}TACACCTCCGTGTCCCGCCCCCGCGCGGGGAGCCCCG
 CTTCACTCAGTGGCTACGTGGACGACACCCAGTTCTGTTAGGTTTCGACAGGACGCGCGGAGTCCGA^{206*}GAG^{206*}GGAGCCCGCGGGCGCG^{222*}GTGGA^{222*}TAGACAGGAGGGCGCGGAGTAT
 TGGGA^{259*}CGGA^{259*}ACACACAGAT^{272*}CTCA^{272*}CAAGGCCCCAGGCACA^{292*}GACT^{292*}GACCGA^{302*}GAG^{302*}CCTGGCGGAACCTGGCGGGCTACTACAACAGAGCGAGGCCGTGAGTGACCCCCCGCGGGG
 CGCAGGTACGACTCCCCCATCCCCACGTACGGCCCCGGTCCGCCAGTCTCCGGGTCCGAGATCCGCCCTCCCTGAGGCCCGGGACCCCGCCAGACCCCTCGACCGCGGAGAGCC
 CCAGGCGCGTTTACCCGGTTTCATTTTCAGTTGAGGCCAAATCCCGCGGGTTGGTCGGGCGGGGCTGGGGGACTGGGCTGACCGCGGGGCGGGGCGCCAGGGTCTCAC
 ACCCTCCAGAG^{362**}CCAT³⁶³TA³⁶⁹CGG^{412*}TCGCGACGTGGGGCCGGACGGGCGGCTCTCCGCGG^{418**}CGCTACGACGGCA⁴¹⁹GGAT^{435*}TACATCGCCCTGAACGAGGACCTGGCGCT
 CCTGGACCGCGGACACGGCGGCTCAGATCACCCAGCGCAAGTGGAGGGCGCGGTGAGCGCGGAGC^{527*}AG^{527*}GGAGAGCCTACCTGGAGGGCG^{539*}AG^{539*}GGTGGAG^{571*}GGT^{571*}TCCGCGAG
 ATACCTGGAGACGGGAAGGACAAGCTGGAGCGGCTGGTACAGGGGAGTGGGAGCGCTTCCCGA^{583*}CTC^{583*}AT^{583*}TCG^{583*}CG^{583*}GG^{583*}GA^{583*}TG^{583*}CC^{583*}TCCC

FIGURE 3

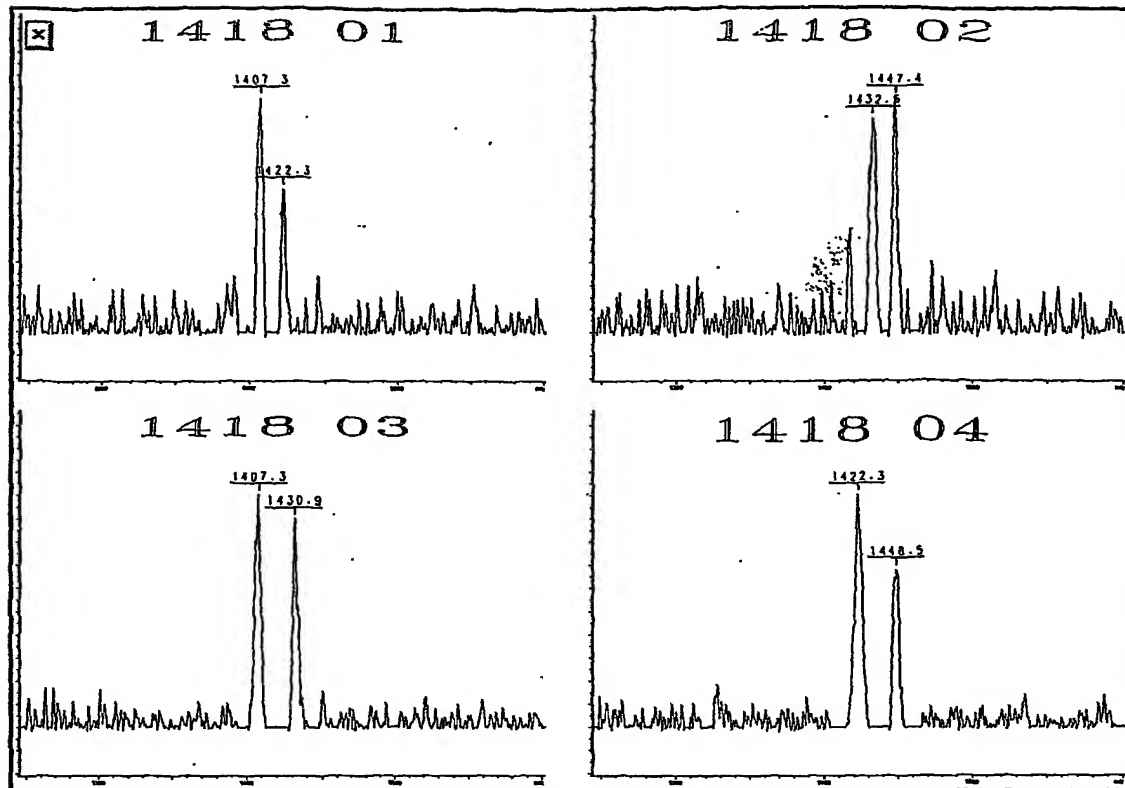
CTAGAGAAGCCAAATCAGGGTCGCCGGGTCCGGTCTTAAGTCCGAGTCTCCTCAGACGCCGAGATGCTGGTCA TGGCGCCCCCGAAACCGTCTCT
CTGCTGCTCTCGGGCGGCCCTGGCCCTGACCCGAGACTGGGCCCTGAGTGGGGTCCGGAGGGAATGGCCTCTGCCGGGAGGAGCGAGGGGACCGCAGCGCGGGGGCGCAGGACCT
GAGGAGCCCGCCGGGAGGAGGGTCGGCGGGTCTCAGCCCCCTCCTACCCCCCAGGCTCCCACTCCCATGAGGTATTTCTACACCTCCGTGTCCCCGGCCCCGGCCGGGGAGCCCCCG
CTTCACTCTCAGTGGGTACGTGGACGACACCCAGTTCTGTGAGTTTCGACACGACGCCCGCGAGTCCGAGAGAGCCCGCGCGGTGGATAGACGAGGAGGGCCCCGAGTAT
TGGGACCGGAACACACAGATCTCAAGGCCACAGGACACAGACTGACCGAGAGGCTGTGCGGAACCTGCGCGGTACTACAACAGAGAGAGCCCGGTGAGTGACCCCCGGCCCCGGG
CGCAGGTACGAGCTCCCCCATCCCCCACCAGTACGGCCCCGGGTCCGCCCGAGTCTCCGGTCCGAGATCCGCTCCCTGAGGCGCGGGACCCCGCCAGACCCCTCGACCGGGCGAGAGCC
CCAGGCGGTTTACCCGGTTTCATTTTCAGTTGAGGCCAAATCCCCCGGGTTGGTCGGGGCGGGCGGGGCTCGGGGACTGGGCTGACCGCGGGGCCGGGGCCAGGGTCTCAG
ACCTTCAGAGCATGTAAGGCTGCGACGTGGGGCCGAGCGGGCCCTCCTCCCGGGGATGACCACTAGGCTTACGACGGCAAGGATTACATCGCCCTGAACGAGGACCTGCGCT
CCTGGACCGCCCGGACAGGGCGCTCAGATCACCCAGCGCAAGTGGGAGGGCCCCCGTGAAGCGGAGGAGCCCTACCTGGAGGGCGAGTGGGTGGAGTGGCTCCCGCAG
ATACCTGGAGAACGGGAAGGACAAGCTGGAGCGGCTGGTACCAGGGGCGAGTGGGAGCCCTCCCCATCTCTCAAGTCTCGCGGGGAATGGCTCTCC

FIGURE 4

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GAACACCCCGGAGGACCGTTCTTGTGGCAGCTTAAGTTCGAAATGTCATTTCCTTCAATGGGACGGAGCGGGTGCCTGGAAAGATGCATCTATTAACCAAGAGGAGTCCGTGC
196**197
GCTTCGACAGCGACGTTGGGGGAGTACCGGGCGGTGACCGGAGCTGGGGCGCCCTGATGCCGAGTACTGGAAACAGCCACAAGGACCTCCTGGAGCGAGCGGGGCCCGGGTGGACAC
227* 261 286* 299* 308
CTACTGCAGACACAACCTACCGGGTGGTGGAGAGCTTCAGAGCTGAGCGCGCGCGGGCGGGCGCTGAGTCCCTGTGAGCGGAGAA
341* 345

FIGURE 5

**FIGURE 6**